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**Fax transmission from:**  
**U.S. Naval Research Laboratory**  
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**Date:** 11/10/2003

**To:** Examiner Kuo Liang Peng  
**Art Unit 1712**  
**Fax:** (703) 872-964310  
**Cover Sheet + 6 Pages**

**Message:**

RE: Serial No.: 10/054,970  
 Filed: 01/25/2002  
 Inventor: Keller et al.  
 Docket No.: 82,492  
 Transmittal Letter – 2 page  
 Fee Transmittal – 1 page  
 Petition for Extension – 1 page  
 Terminal Disclaimers – 2 pages

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PTO/SB/17 (10-03)  
Approved for use through 07/31/2006. OMB 0551-0032  
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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 330)

<b>METHOD OF PAYMENT (check all that apply)</b>		<b>Complete if Known</b>	
<input type="checkbox"/> Check	<input type="checkbox"/> Credit card	<input type="checkbox"/> Money Order	<input type="checkbox"/> Other None
<input checked="" type="checkbox"/> Deposit Account:			
Deposit Account Number	50-0281		
Deposit Account Name	Naval Research Laboratory		
The Director is authorized to: (check all that apply)			
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input checked="" type="checkbox"/> Credit any overpayments		
<input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s)			
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.			

<b>FEES CALCULATION (continued)</b>			
<b>3. ADDITIONAL FEES</b>			
Large Entity	Small Entity		
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	Filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	146
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,000	Extension for reply within fifth month	
1401 330	2401 185	Notice of Appeal	
1402 330	2402 185	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2601 665	Utility issue fee (or reissue)	
1502 460	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(c)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(e))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)		SUBTOTAL (3) (\$ 330)	

<b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b>		<b>Fee from below</b>	
Total Claims	Extra Claims	X	Fee Paid
Independent Claims	-20** =	X	=
Multiple Dependent	- 3** =	X	=
SUBTOTAL (1) (\$)			

<b>1. BASIC FILING FEE</b>		<b>Fee Description</b>		<b>Fee Paid</b>	
Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)		
1001 770	2001 365	Utility filing fee			
1002 340	2002 170	Design filing fee			
1003 530	2003 265	Plant filing fee			
1004 770	2004 385	Reissue filing fee			
1005 160	2005 80	Provisional filing fee			
SUBTOTAL (1) (\$)					

<b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b>		<b>Fee from below</b>	
Total Claims	Extra Claims	X	Fee Paid
Independent Claims	-20** =	X	=
Multiple Dependent	- 3** =	X	=
SUBTOTAL (1) (\$)			

<b>3. ADDITIONAL FEES</b>		<b>Fee Description</b>		<b>Fee Paid</b>	
Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)		
1202 18	2202 9	Claims in excess of 20			
1201 86	2201 43	Independent claims in excess of 3			
1203 280	2203 145	Multiple dependent claim, if not paid			
1204 86	2204 43	** Release independent claims over original patent			
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$)					

\*\* or number previously paid, if greater; For Reissues, see above

<b>SUBMITTED BY</b>		(Complete if applicable)			
Name (Print/Type)	John J. Karasek	Registration No. (Attorney/Agent)	36,182	Telephone	202-404-1552
Signature					Date 11/10/03

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